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DSC-TX7

10.2 MP | 4x OPTICAL ZOOM | 3.5" TOUCH SCREEN LCD[1]

The sleek and stylish DSC-TX7 has a large 3.5" touch screen LCD[1] to easily take and review photos. With a 4x optical zoom with 25mm equivalent wide Carl Zeiss® lens, users will take impressive images from greater distances and wider group shots in tighter spaces. The attractive DSC-TX7 takes stunning low-light images and panoramic images of up to 258-degrees in iSweep Panorama mode and AVCHD video recording[9] and playback.[10]

3.5" Xtra Fine LCD™ touch screen display[1] w/TruBlack™ technology

A large 3.5" Xtra Fine LCD™ touch screen display[1] with TruBlack™ technology (921K pixels) makes it easy for viewing and sharing images. The touch screen makes it easy to scroll through content with a simple flick of the finger on the display. With its Ultra AR film coating, which reduces reflections and increases contrast and brightness, viewing images on the LCD even in bright light is possible.

Take clearer photos with less grain in low-light conditions

The DSC-TX7 features a 10.2 megapixel, back-illuminated "Exmor R" CMOS image sensor. This advanced technology leverages the full resolving power of the camera's Carl Zeiss® Vario-Tessar® lens. The result? Extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced grain.

Carl Zeiss® Vario-Tessar® Lens

The high-performance Carl Zeiss® Vario-Tessar® 4x optical zoom (25mm equivalent) lens brings distant subjects closer for video recording as well as for outdoor, sports, and travel photos. The Close Focus function lets you shoot from just under ½" from your subjects, while the 25mm equivalent wide-angle lens allows for wider shots of a scene or group in crowded spaces.

Capture breathtaking panoramic shots

Intelligent Sweep Panorama mode lets capture stunningly expansive shots with ease. Simply press the shutter button and sweep the camera horizontally or vertically over your desired scene. The camera shoots continuously at a high speed, automatically adjusts the position of each image, then seamlessly stitches up to 100 pictures together into one panoramic photo. This model even detects faces and moving objects, intelligently stitching subjects of different widths together to minimize distortion. Available in standard and wide options, this feature lets you take panoramic shots up to an amazing 258 degrees.

AVCHD for TV: 1920x1080/60i

Ideal for playback on a compatible HDTV, the AVCHD format captures a high degree of detail and smooth movement. Record AVCHD movies up to 1920 x 1080 at 60i[9]. Video clips can be played back directly from the camera[10], or can be transferred to DVD or Blu-ray Disc™ media. They can then be played back on HDTV's via compatible Blu-ray Disc™ players, PlayStation®3 consoles and compatible PCs.[12]

Be sure to catch all those once-in-a lifetime moments

The DSC-TX7 can capture up to ten full 10.2 megapixel resolution images per second. So now you can be sure to capture the bat hitting the game-winning homerun, the lead runner crossing the finish line, and other decisive moments. The camera also uses a mechanical shutter to help reduce distortion when continuously shooting moving subjects.

Additional features:

- TransferJet™ technology allows easy wireless sharing[11]
- Enjoy easy connectivity via HDMI
- Anti Motion Blur and Hand-held Twilight modes reduce grain and blur
- Get yourself in the picture with Self-Portrait Timer
- Card slot for optional Memory Stick Duo™ and SD/SDHC media[13]
- Includes PMB (Picture Motion Browser)[2] and PMB Portable Software[3]

Specifications

General	
Camera Type	Sleek and stylish with 3.5" touch screen
Image Device	1/2.4"(7.59mm)"Exmor R" CMOS
Effective Pixels Resolution	10.2MP
Processor	BIONZ®
Optics & Lens	
Lens Type	Carl Zeiss® Vario-Tessar®
Lens Construction	12 elements in 10 groups (including 6 aspheric elements,1 prism)
Aperture Range	iAUTO(F3.5-F6.3(W)) / Program Auto(F3.5-F6.3(W))
Focal Length	4.43-17.7mm
35mm Equivalency	Still shots: 25-100mm / Movie 16:9: 28-112mm / Movie 4:3 :34-136mm
Optical Zoom	4x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 8x with Precision Digital Zoom
LCD & Viewfinder	
LCD Type	3.5" Xtra Fine LCD™ TruBlack™ wide display[1] (921K)
Viewfinder	-
Recording	
Media Slot	MS PRO Duo™ media / SD/SDHC media[13]
Still Images	10M (3,648 x 2,736) / 5M (2,592 x 1,944) / VGA (640 x 480); 16:9 / 7M(3,648 x 2,056) / 2M(1,920 x1,080); Panorama 7,152 x 1,080(258deg) / 4,912 x 1,080(177deg) / 4,912 x 1,920(177deg) / 3,424 x 1,920(123deg)
Video	AVCHD: 1920 x 1080 (59.94i, Interlace) (Approx.17Mbps) / 1440 x 1080 (59.94i, Interlace) (Approx.9Mbps) MP4: 1440 x 1080 (29.97fps, Progressive) (Approx.12Mbps) / 1440 x 1080 (29.97fps, Progressive) (Approx.6Mbps) / VGA (640 x 480) (29.97fps, Progressive) (Approx.3Mbps)
Microphone / Speaker	Stereo / Mono
Focus	
Focus	9 points AF / Center Weighted AF / Spot AF / Flexible Spot AF(Touch)
Intelligent Auto Focus	Yes
Macro Mode	iAUTO(W:Approx.1cm (0.39") to Infinity, T:Approx. 50cm (19.7") to Infinity"; Program Auto "W: Approx. 1cm (0.39") to Infinity, T:Approx. 50cm (19.7")
Exposure	
Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	Yes
Dynamic Range Optimizer	Standard
White Balance	Auto / Daylight / Cloudy / Fluorescent 1(White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push
Shutter	
Shutter Speed	iAUTO(2" - 1/1,600) / Program Auto(1" - 1/1,600)
Burst Mode	Normal / Hi-Speed Burst(High/Mid/Low) (Approx. 10fps at 10.2MP (Maximum 10 shots))
Flash	
Flash Type	Built-In
Flash Effective Range	ISO Auto: Approx.0.08-Approx.3.8m(Approx.0.26'-Approx. 12.47')(W) / Approx.0.5-Approx. 3.1m (Approx.1.64'-Approx.10.17')(T), ISO3200: up to Approx. 8.0m (Approx26.25')(W) / Approx. 6.3m (Approx20.67')(T)
Flash Mode	Auto / On / Slow Syncro / Off

Features	
Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Hi-Speed Shutter / Underwater / Gourmet / Pet
Image Stabilization	Optical SteadyShot™ image stabilization
GPS	-
Panorama	Intelligent Sweep Panorama (Horizontal / Veritcal up to 258-degrees)
Multi-shot layering	Handheld Twilight / Anti-motion Blur / Backlight Correction HDR
Intelligent Auto	Yes
Intelligent Scene Recognition	9 scenes
Face Detection	8 Faces (Auto / Touch / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec./ portrait1 / portrait2
In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
TransferJet™ Technology	Yes
Inputs & Outputs	
USB	Yes - USB2.0 Hi-Speed
HD Video	HDMI / Component(1080i)
SD Video	Yes
Power	
Supplied Battery	Lithium-ion NP-BN1 3.6V
Battery Life (Approx.)	115
Number of Images (Approx.)	230
Weights & Measurements	
Dimensions (Approx.)	3 7/8" x 2 3/8" x 23/32" (97.8mm x 59.5mm x 17.5mm)
Weights (Approx.)	Approx. 4.7oz. (133g) body only; Approx. 5.3oz. (149g) - With battery and Memory Stick PRO Duo media.
Software	
Supplied Software	Picture Motion Browser Ver 5.0, PMB Portable 5.0 (for Windows)[2], PMB Portable 1.1(for Macintosh)
Operating System Requirements	PMB and PMB Portable: Microsoft Windows XP SP3, Windows Vista SP2, Windows 7. PMB Portable also compatible with Macintosh OS X(v10.4 - 10.6).
Service & Warranty	
Limited Term Warranty	Limited 1 Year Parts & Labor
Supplied Accessories	
Battery	InfoLITHIUM® NP-BG1
Battery Charger	BC-CSN
A/V Cable	-
USB Cable	-
Multi-Connector Cable (A/V / USB)	-
Wrist Strap	Yes
CD ROM	Yes

Footnotes

1. Viewable area measured diagonally
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
3. PMB Portable is pre-loaded. PMB Portable requires USB cable (included) and PC with internet connectivity. Windows® XP SP3 64-bit and Starter Edition and Windows Vista® Starter Edition environments not supported.
9. HD Movie mode records up to 1280x720p, at 30 fps, and 9Mbps.
10. HDTV and proprietary Component cable (sold separately) or HDMI™ full-to-mini cable (sold separately) required for HD viewing.
11. TransferJet™ technology and TransferJet-enabled media (sold separately) required in both devices. Interoperability and compatibility among TransferJet™ enabled devices may vary.
12. High Definition AVCHD discs can be created using standard DVD media, the supplied software and a compatible PC. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder, PC with supplied software or PlayStation®3 devices. DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to eject the media and may erase its contents without warning.
13. When using movie mode Memory Stick PRO Duo™ with MARK2 (M2) logo, Memory Stick PRO-HG™, or SD/SDHC (Class 4 or higher) media are recommended.

RED

DARK BLUE

SILVER

3.5" LCD[1]

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